

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

| | |
|------------------------|------------------------|
| Attorney Docket No. | 21431 US1 |
| First Inventor | Hans-Peter Haar et al. |
| Title | Needleless ... |
| Express Mail Label No. | EL912163442US |

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification [Total Pages **73**] (preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets **34**]
- Oath or Declaration [Total Sheets _____]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer Reader Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. Paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No.:

Prior application information: Examiner _____ Art Unit: _____
For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

| | | |
|--|--|--|
| <input checked="" type="checkbox"/> Customer Number: | 00151 | OR <input type="checkbox"/> Correspondence address below |
| Name | | |
| Address | | |
| City | State | Zip Code |
| Country | Telephone | Fax |
| Name (Print/Type) | Registration No. (Attorney/Agent) | |
| Signature | 38218 | |
| | Date | 11/24/2003 |

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

10/7/2003
22350
112403



Director of the United States Patent
and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Hoffmann-La Roche Inc.
340 Kingsland Street
Nutley, NJ 07110
Case Docket 21431 US1
November 24, 2003

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the patent application of

Inventor(s): Hans-Peter Haar, Otto Fuerst, Hans List, George Bevan Kirby Meacham

For: NEEDLELESS HYPODERMIC INJECTION DEVICE WITH NON-ELECTRIC
IGNITION MEANS

1. The fee has been calculated as shown below:

| CLAIMS | | | | |
|-------------------------------------|-----------|-----------|--------|---------------------|
| FOR | NO. FILED | NO. EXTRA | RATE | FEE |
| TOTAL CLAIMS | 90 - 20 | 70 | x \$18 | 1260 |
| INDEP. CLAIMS | 14 - 3 | 11 | x \$86 | 946 |
| MULTIPLE DEPENDENT CLAIMS PRESENTED | | | | + \$290 |
| BASIC FEE | | | | \$ 770 |
| | | | | TOTAL \$2976 |

Please charge Deposit Account No. 08-2525 in the amount noted above.

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 08-2525, including those under 37 C.F.R. § 1.16 and 1.17. This sheet is provided in duplicate.

Continue to address all communications to:

George W. Johnston
Hoffmann-La Roche Inc.
340 Kingsland Street
Nutley, NJ 07110


Bernard Lau

Attorney for Applicant(s)
Bernard Lau
(Reg. No. 38218)

136648

| |
|--------------------------------|
| DEPOSIT ACCOUNT NO. 08-2525 |
| OUR ORDER NO. <u>5197</u> |

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Certification under 37 CFR 1.10

I hereby certify that this form and all documents cited on this form are being deposited with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number:

EL912163442US

addressed to:

**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

on November 24, 2003.

Date



Signature

Jill Filippone

Typed or printed name of person of signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Papers Submitted for Case Docket 21431 US1: Patent Application Transmittal Form, Application Data Sheet, Fee Transmittal Form, Specification, Drawings Information Disclosure Statement